METHOD OF DECRYPTING DATA STORED ON A STORAGE DEVICE USING AN EMBEDDED ENCRYPTION/DECRYPTION MEANS

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5   A method of decrypting data is provided for decrypting data stored on a storage

medium using an encryption/decryption means embedded on data storage engine for reading

the data from the medium. The data storage engine generates at least a set of internal keys.

The internal keys are used to decrypt a master media key stored on the storage medium. The

master media key generates a set of medium keys. The medium keys are combined with the

10   internal keys to generate a set of combined keys. The combined keys are used to decrypt

portions of the data stored on the storage medium.